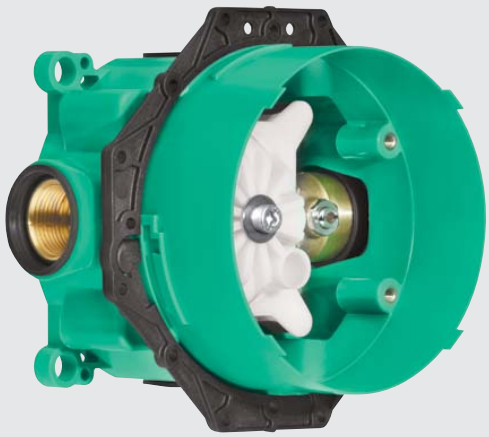
hansgrohe



iBox™ Universal Plus

Planning and Installation

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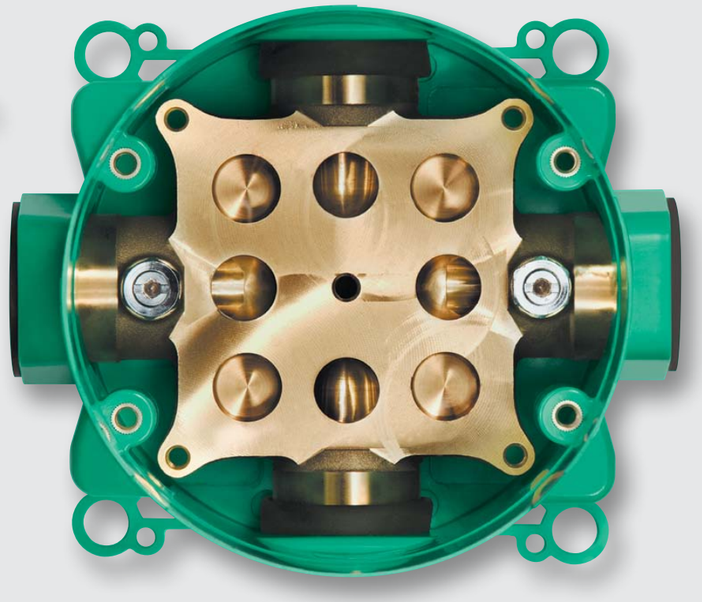
The Revolutionary Rough from Hansgrohe. Hansgrohe revolutionized the plumbing industry with the iBox Universal launch in 2001. With its versatility and reliability – installation, ordering, and bathroom planning are extremely easy and efficient. Now, Hansgrohe is set to repeat this success with the introduction of the iBox Universal Plus to the North American market in 2010.

iBox Universal Plus lives up to its name. A truly universal rough, iBox Universal Plus accommodates any trim – Hansgrohe or Axor, Thermostatic or Pressure Balance – providing the foundation for any shower installation. One rough for all shower solutions: iBox Universal Plus.

Wholesalers/Distributors
iBox Universal Plus replaces 13 roughs, streamlining ordering, warehousing and distribution, and reducing inventory costs.

Architects
Ultimate compatibility and flexibility with respect to wall construction means streamlined room planning with a wealth of design options.

General Contractors/ Professional Remodelers
iBox allows construction to begin, even if final trim decisions have not been made yet, resulting in scheduling flexibility.



Designers
Aside from the obvious benefit of the wide variety of trim styles available, additional plumbing resulting from last minute design changes can often be avoided.

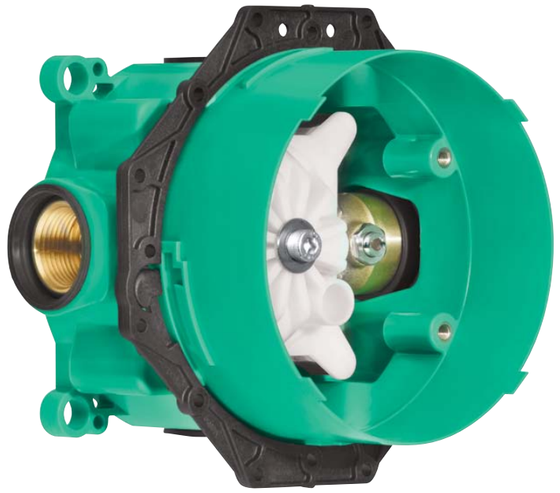
Plumber Installation
iBox standardizes and streamlines the installation process for projects large and small, allowing faster and easier installation than ever before.

Plumber Servicing
With the built-in service stops, servicing the rough is made simple and efficient, especially in hospitality applications.

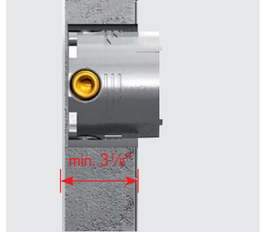
iBox Universal Plus: One for All. One rough to stock. One rough to order. One rough to install. One rough to service. iBox Universal Plus creates synergy among all members of the distribution channel, from manufacturer to end user.

Replacing 13 existing roughs, iBox Universal Plus brings increased efficiency to your business, whether you are an architect or a plumber, a wholesaler or a remodeler. iBox Universal Plus is your go-to rough for any shower installation.

iBox Universal Plus: Proven Successfully in the Field and Continuously Refined for Almost Ten Years. High expectations for the iBox Universal Plus are hardly based on speculation, with the prior worldwide success of the iBox Universal. Backed by almost a decade of proven results in the field, combined with ongoing research and development by our German engineers, iBox Universal Plus guarantees your success on every project.

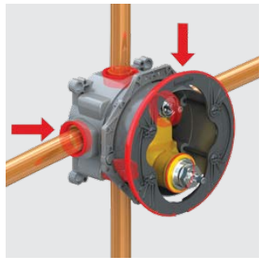


Adjustable Installation Flange
Allows precise installation to fit two different depths, resulting in maximum versatility – mount to walls made of any building material and of any thickness. For pre-fabricated housing, iBox Universal Plus can easily be pushed through the wall from behind and then mounted in place.

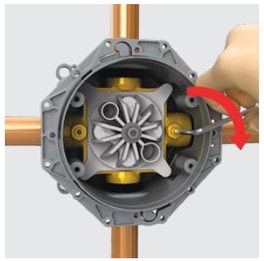


Shallow Wall Accommodation
With a body that is only 3⅛" deep, iBox easily accommodates walls with limited depth, or when combined with a shallow extension set, down to a 2¼" depth.

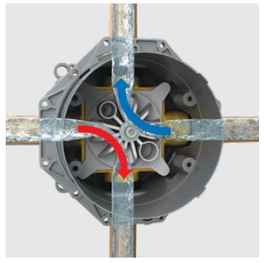
Revolutionary Technology that is Taking the Plumbing Industry by Storm



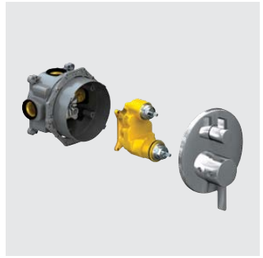
Water-Tight Seals All Around
Rubber seals on the iBox housing and carrier plate create a water-tight installation. Any potential leaks drain into the shower compartment, not into the wall.



Built-In Service Stops
Allows easy servicing of the valve and other components.

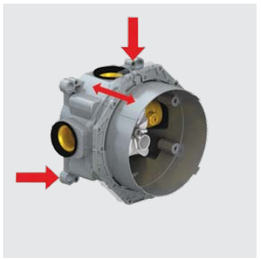


Simplified Pipe Flushing
The rough can easily be flushed prior to installing the function block. Hot and cold water remain isolated while passing through the flushing insert.

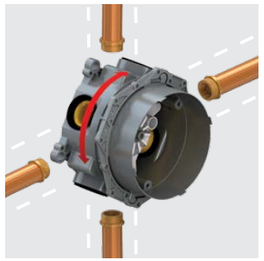


Trim Includes Function Block
The valuable function block is supplied with the trim, not the iBox, allowing ordering to take place later in the building phase. This reduces the expense of warehousing, theft and damage due to dirt or frost during the building phase.

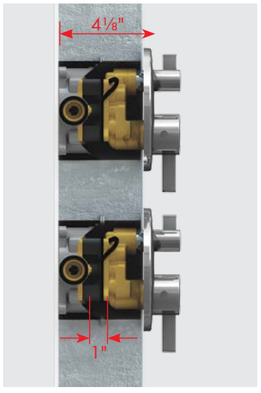
Reduced Noise Transfer
The brass function block rests on rubber seals, so pipe vibrations transferred to the wall will be reduced. The trim carrier plate attaches to the iBox housing, not the function block, minimizing noise transfer to the finished wall.



Multiple Mounting Options
Multiple mounting points and depth options allow the iBox to be installed with any commonly used mounting system.



180° Rotational Symmetry
Even if the rough is installed upside down, the trim can still be mounted to the iBox, avoiding costly repairs.



Extension Set
Even if the iBox has been mounted too deeply into the wall, the problem is easily solved with an extension set. The extension set (sold separately) ensures a water-tight seal, keeping the walls free from dampness.

Shallow Extension Set
Limited installation depths are not a problem, thanks to the shallow extension set. Simply installing the set between the tiles and trim allows for installation in walls as shallow as 2¼".

iBox Universal Plus Installation

iBox Universal Plus Package Contents
iBox Universal Plus, installation flange, 1 plug, rubber wall seal, flushing insert, protective cap, and assembly instructions.

Create Connection Fittings
When using copper pipes, connection fittings should be created prior to installation.

Install Connection Fittings
Clamp the iBox in a vice using a ¾" nipple threaded into the top or bottom outlet, then install the connection fittings.

Level Mounting
Mount the iBox in exactly the right position using the integrated leveling points.

Connect Water Supply
Solder the water supply pipes and other risers to the previously installed fittings. Note: Please maintain a minimum 4" distance from the housing while soldering.

Valve Flushing
Simply turn on the water supply to flush the valve. The water passes through the flushing insert, which comes pre-installed.

Shut Off Water
After flushing, shut off water using the built-in service stops, operated by an Allen wrench or flathead screwdriver. Replace the protective cap.

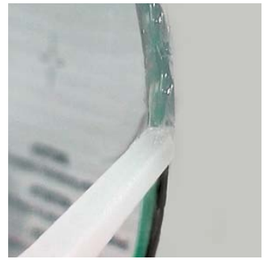
Cut a Hole in the Wall
Trim a 5" diameter hole in the wall material to accommodate the iBox.

Rubber Wall Seal
Prevents water from the shower from entering the wall around the edge of the housing. Mount rubber wall seal onto the iBox between two coats of adhesive.

Trim Installation

Trim Package Contents
Escutcheon, carrier plate, function block, support housings, mounting screws, handles, handle adaptors and assembly instructions.

Remove Excess Plaster Shield
Cut the excess plaster shield until it protrudes approximately ⅛" beyond the finished wall.



Seal With Silicone
To prevent moisture from entering the wall, seal the joint between the iBox and the finished wall with silicone.

Remove Flushing Insert
Before installing the function block, remove the protective cap, then remove the flushing insert by removing the Allen screw. Remember to shut off the water if necessary using the service stops!

Install Function Block
Using the four mounting screws provided, install the function block on the iBox. Reopen service stops to turn on water supply.

Install Carrier Plate
Use the included plastic screws to attach the carrier plate to the iBox housing, preventing noise transfer and water leaks.

Install the Escutcheon
Simply fit the escutcheon over the carrier plate – no screws or bolts needed. The rubber seal and the O-rings on the cartridges guarantee a firm hold.

Install the Handles
Finally, attach handles with the included set screws.

Completed Shower

Choose Your World. We all know that living spaces are as individual as the people who live in them. Hansgrohe's World of Styles offers three comprehensive style worlds from which to create a distinctive, personalized design for the bathroom.

Hansgrohe offers one universal shower trim style for each style world: Choose S for Contemporary, E for Transitional, or C for Traditional. These universal trims coordinate seamlessly with lavatory faucets from any product series within the same style world.

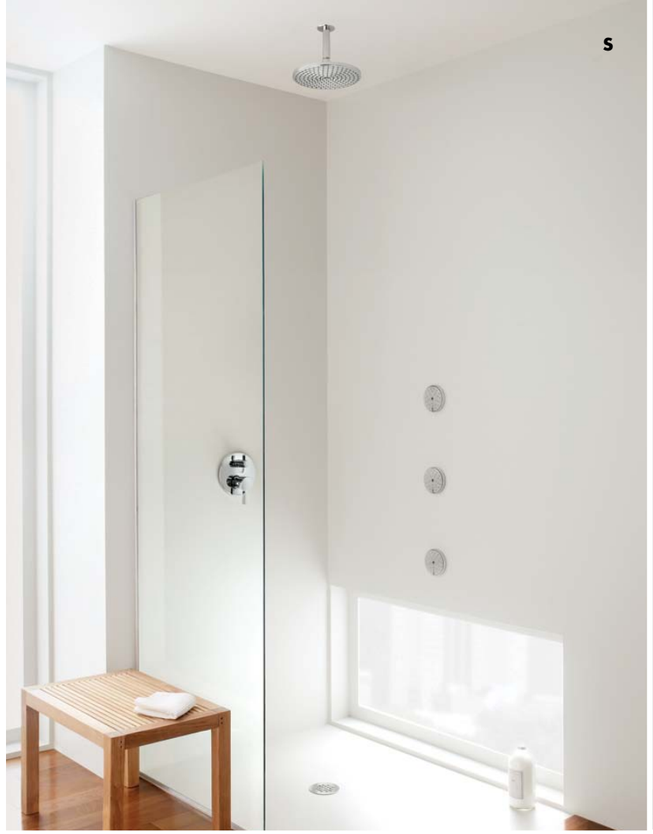
In addition to S, E, and C, iBox also serves as the foundation for Hansgrohe's newest product series: PuraVida.

S

E

C

PuraVida



S

E

C

PuraVida

New Hansgrohe Trim Options. With several new mixing valves and diverters, Hansgrohe gives you more options than ever to create the perfect shower. These new options enable vastly improved shower configuration capabilities for the Hansgrohe brand.

Exemplary Hansgrohe S trims shown

Thermostatic Trim with
Volume Control
Volume and thermostatic temperature control for **one** shower function

Thermostatic Trim with
Volume Control and Diverter
Volume and thermostatic temperature control for **two** shower functions or a combination of both*

Pressure Balance Trim
Volume and pressure-balanced temperature control for **one** shower function

Trio 2-Way Diverter
Selects between **two** functions or a combination of both

Quattro 3-Way Diverter
Selects between **three** functions or a combination of any two

* Combination setting can be enabled by removing a stop ring. Please refer to installation instructions for more details. Always comply with your local plumbing codes.

Volume Control and Diverter
Controls volume and also acts as a diverter between two functions on specific models.

Anti-scald 100° Safety Stop
Prevents water temperature from exceeding 100°F, unless this override button is pressed, protecting against water scalding.

Thermostatic Temperature Control
Preset your preferred water temperature to within ±1°F.

ComfortZone. Greater ease of operation. All functions can be controlled easily and comfortably.

hansgrohe COMFORT ZONE

Thermostatic with Volume Control. Enjoy the benefits of both a handshower and a fixed showerhead by choosing a Hansgrohe wallbar set. Then add a new Hansgrohe thermostatic trim, featuring integrated temperature and volume controls. The result: a versatile high-performance thermostatic shower that is extremely easy to install.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ E Thermostatic Trim with Volume Control
#04225xx0
Thermostatic temperature and volume control for one shower function

Thermostatic with Volume Control and Diverter. Hansgrohe's new Thermostatic Trim with Volume Control and Diverter delivers maximum control in just one trim, featuring not only two independently-controlled shower functions, but also a combination. With two handles elegantly combined in one trim, maximize your shower's functionality and reduce clutter on the wall, enhancing the contemporary look of this installation.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ S Thermostatic Trim with Volume Control and Diverter
#04231xx0
Thermostatic temperature control, volume control and diverter for two shower functions

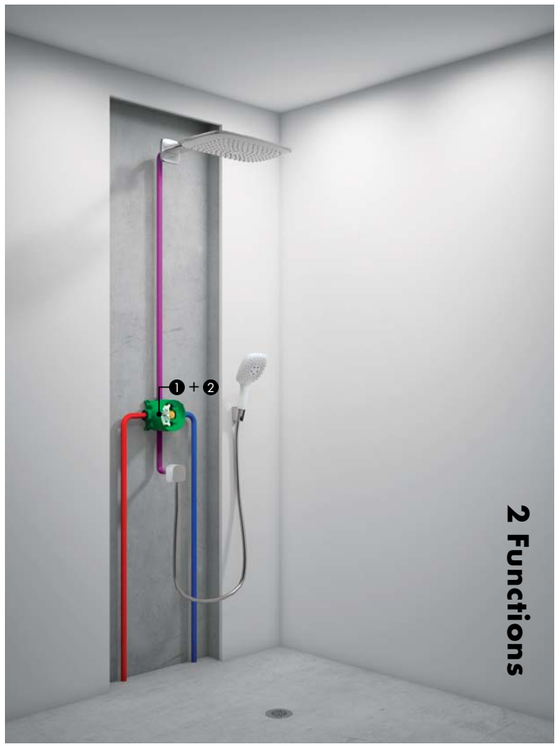
Combination setting can be enabled by removing a stop ring. Please refer to installation instructions for more details. Always comply with your local plumbing codes.

Thermostatic with Volume Control and Diverter. Europeans have embraced the advantages of a handshower over a fixed showerhead for years. A handshower delivers a more invigorating shower, through the increased warmth and intensity that results from bringing the spray closer to your body. An oversized PuraVida 400 AIR showerhead and thermostatic trim with volume control and diverter complete this exhilarating shower installation.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ PuraVida Thermostatic Trim with Volume Control and Diverter
#15771xx1
Thermostatic temperature control, volume control and diverter for two shower functions

Combination setting can be enabled by removing a stop ring. Please refer to installation instructions for more details. Always comply with your local plumbing codes.



Thermostatic with Volume Control plus Quattro Diverter. With the numerous installation options made possible by the Quattro 3-way diverter, your imagination is the only limit. The new Quattro 3-way diverter brings unprecedented possibilities to Hansgrohe showers, with the ability to control 3 separate shower functions independently or select any combination of two. Combined with a new thermostatic trim delivering up to 8 GPM – ambitious shower concepts are possible with Hansgrohe.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ C Thermostatic Trim with Volume Control
#04220xx0
Thermostatic temperature and volume control

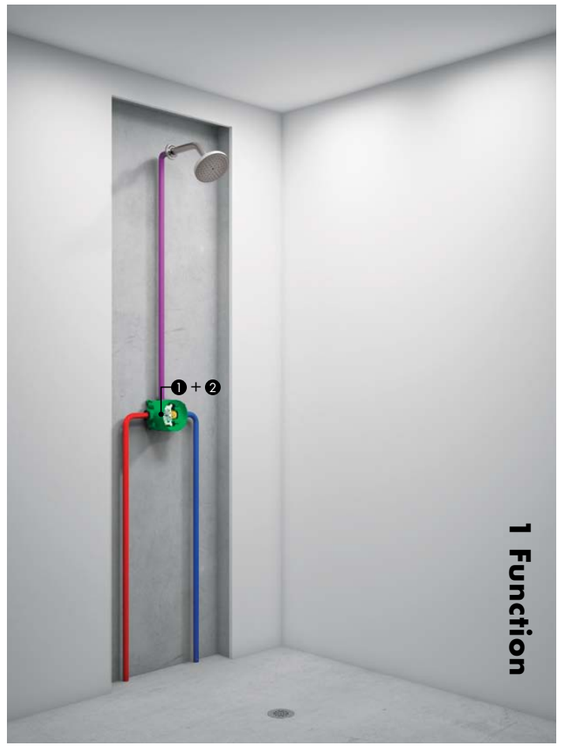
❸ Rough, Quattro 3-Way Diverter, ¾"
#15930181

❹ C Trio/Quattro Trim
#04222xx0
Selects between showerhead and handshower and bodysprays, or any combination of two

Pressure Balance. This configuration incorporates a single wall-mounted showerhead – a perfect fit for secondary bathrooms. With its elegant simplicity and functionality, the S Pressure Balance Trim delivers streamlined looks as well as installation. With the iBox Universal Plus behind the wall, easily upgrade from pressure balance to thermostatic trim at a later date.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ S Pressure Balance Trim
#04233xx0
Temperature and volume control for one shower function



Pressure Balance plus Trio Diverter. Hansgrohe often makes you reconsider what you thought was possible – this time by taking pressure-balanced showers to the next level. Transform a basic installation into a shower system by adding a Trio 2-way diverter to your pressure balance trim.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ C Pressure Balance Trim
#04223xx0
Temperature and volume control for one shower function

❸ Rough, Trio 2-Way Diverter, ¾"
#15984181

❹ C Trio/Quattro Trim
#04222xx0
Selects between showerhead and handshower, or a combination of both

Raindance® Rainfall® AIR. Extraordinary shower fun, simple installation. Experience water in all its original magnificence with three unique shower functions: Rain AIR, Whirl, and Rainflow. The iBox Universal Plus makes this system possible and is used twice – for both the thermostatic trim and the showerhead. The Quattro 3-way diverter allows for selection between any of the three functions, or any combination of two. This shower installation guarantees perfect spray performance.

❶ (2x) iBox Universal Plus Rough with Service Stops, ¾"
#01850181
One iBox Universal Plus is used as a rough for the Raindance Rainfall AIR

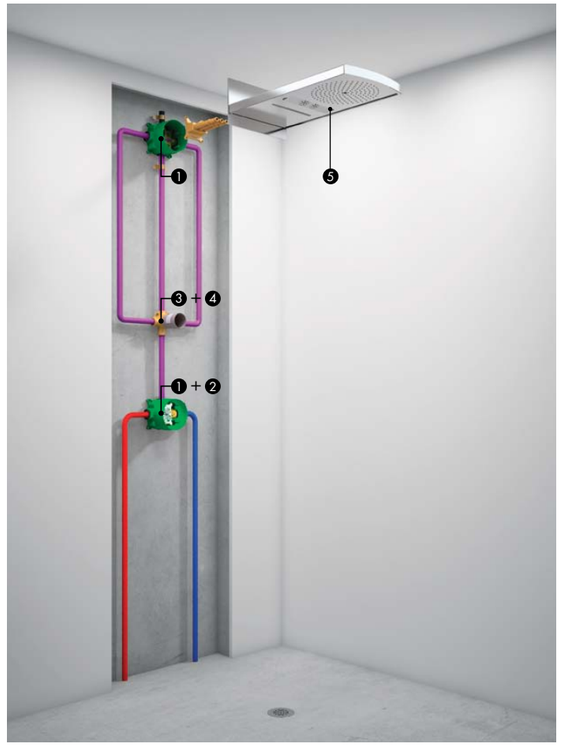
The second iBox Universal Plus is needed to install the thermostatic trim

❷ S Thermostatic Trim with Volume Control
#04230xx0
Thermostatic temperature control and volume control

❸ Rough, Quattro 3-Way Diverter, ¾"
#15930181

❹ S Trio/Quattro Trim
#04232xx0
Selects between the three functions of the Raindance Rainfall AIR, or any combination of two

❺ Raindance Rainfall AIR Showerhead Trim
#28411xx1
Includes function block for installing showerhead onto the iBox



Raindance® E 420 AIR 2-Jet Showerhead. The rectangular shape of the Raindance E 420 AIR was designed with the contour of the human body in mind – particularly the width of the shoulders. The result: your entire body is covered by two lush, luxurious spray modes: Rain AIR and Rainflow waterfall. Raindance E 420 AIR mounts directly onto the iBox, which provides the water as well as additional structural support.

❶ (2x) iBox Universal Plus Rough with Service Stops, ¾"
#01850181
One iBox Universal Plus is used as a rough for the Raindance E 420 AIR

The second iBox Universal Plus is needed to install the thermostatic trim

❷ E Thermostatic Trim with Volume Control
#04225xx0
Thermostatic temperature control and volume control

❸ Rough, Quattro 3-Way Diverter, ¾"
#15930181

❹ E Trio/Quattro Trim
#04227xx0
Selects between either function of the Raindance E 420 AIR or a handshower, or any combination of two

❺ Raindance E 420 AIR 2-Jet Showerhead Trim
#27373xx1
Includes function block for installing showerhead onto the iBox

Raindance® E Showerpanel. Ultra thin, ultra easy to install. iBox Universal Plus makes it possible. A unique showerpanel with behind-the-wall plumbing, the Raindance E Showerpanel is among the world's flattest showerpanels, with less than 1.5 inches between the front of the panel and the wall. Simply install the iBox Universal Plus, mount the showerpanel on top, and voilà - all done! Featuring an extra large handshower with multiple spray modes and eight effective bodysprays – anything is possible, from a luxurious rain shower to a powerful, whole body massage.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ Raindance E Showerpanel Trim
#27100xx1

Raindance® S Showerpipe. Less is often more. This is especially true for the new Raindance S showerpipe. Its design is both sleek and dynamic. It offers the ultimate in fun and genuine relaxation. The showerhead and the water-conducting pipe seamlessly blend into the concealed thermostat. This unique showerpipe presents itself in an appealingly minimalist design. How is this possible? By means of the innovative iBox technology from Hansgrohe.

❶ iBox Universal Plus Rough
with Service Stops, ¾"
#01850181

❷ Raindance S
Showerpipe Trim
#27192xx1

Hansgrohe Trims

	S	E	C	PuraVida	Max. Flow
Thermostatic Trim with Volume Control	04230xx0	04225xx0	04220xx0	15775xx1	8 GPM
Thermostatic Trim with Volume Control and Diverter	04231xx0	04226xx0	04221xx0	15771xx1	8 GPM
Pressure Balance Trim	04233xx0	04228xx0	04223xx0	15407xx1	6.5 GPM
Needs iBox Universal Plus #01850181	iBox	iBox	iBox	iBox	
Trio/Quattro Trim	04232xx0	04227xx0	04222xx0	15937xx1	
Rough, Quattro 3-Way Diverter, ¾"	15930181	15930181	15930181	15930181	17 GPM
Rough, Trio 2-Way Diverter, ¾"	15984181	15984181	15984181	15984181	17 GPM
Available Finishes:	-000, -820, -830	-000, -820, -830, -930	-000, -620, -820, -830, -920, -930	-001, -401	

Hansgrohe Installation Tips

- Separate volume controls cannot be used with Hansgrohe thermostatic trims
- Hansgrohe Trio and Quattro diverters must be used with Hansgrohe trims
- Tub spout with diverter can only be used with pressure balance trims

Raindance Showers

	Rainfall AIR	E 420 AIR 2-Jet	E Showerpanel	S Showerpipe
	28411xx1	27373xx1	27100xx1	27192xx1
	iBox	iBox	iBox	iBox
	Also requires mixing valve, diverter, and second iBox	Also requires mixing valve, diverter, and second iBox		
	-001, -821	-001, -821, -831	-001, -821	-001, -821

Hansgrohe Finishes

Chrome
-000/-001

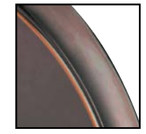
White/Chrome
-401

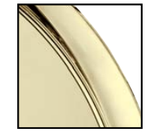
Available for PuraVida only

Oil Rub Bronze
-620

Brushed Nickel
-820/-821

Polished Nickel
-830/-831


Rubbed Bronze
-920


Polished Brass
-930

Designer Visions for the Bathroom. Axor has transformed the bathroom from a small, purely functional room to a personal retreat, reflecting the individuality and personality of its user. Axor shows commitment to design excellence through ongoing discussions with internationally-renowned designers and architects to find the best solutions for the bathroom. The wide variety of styles offered within the Axor collections combined with iBox technology allows you to design unique shower installations – from a minimalist Philippe Starck shower to a luxurious shower system by Antonio Citterio.

Philippe Starck

Antonio Citterio

Jean-Marie Massaud

Phoenix Design

Axor Trim Options. New iBox-compatible trims are available with the same elegant looks and valve functionality you have come to expect from Axor, now with improved technology. In addition, a new pressure balance trim featuring an ADA-compliant lever handle, as well as new Trio 2-way diverters with larger ¾" connections, are now available for all Axor collections.

Exemplary Axor Starck trims shown

Thermostatic Trim*
Thermostatic temperature control

Pressure Balance Trim
Volume and pressure-balanced temperature control

Volume Control Trim
Controls volume and shuts off water

Trio 2-Way Diverter, ¾"*,
Trio 2-Way Diverter with Shut-Off, ¾"
Selects between two functions or a combination of both, available with and without shut-off

Quattro 3-Way Diverter*
Selects between three functions or a combination of two

Fix Fit Wall Outlet
Volume control and wall outlet for a handshower combined into one

*Requires additional volume control

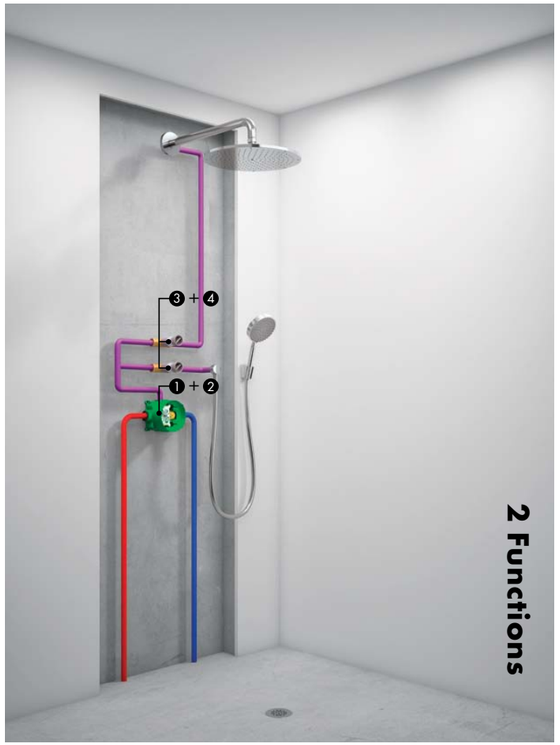
Thermostatic plus Two Volume Controls. Fine-tuning your shower experience is as natural as it is intuitive in this shower configuration. The two volume controls allow you to operate the two shower functions independently. Boost the handshower without altering the showerhead setting, or vice versa. Arrive at the perfect balance by turning both volume controls at once, then shut off the water using the same controls.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ Axor Massaud Thermostatic Trim
#18741001
Thermostatic temperature control

❸ (2x) Rough, Volume Control
#15974181 or #15977181

❹ (2x) Axor Massaud Volume Control Trim
#18974001



2 Functions

Thermostatic plus Trio Diverter with Shut-Off. Traditional style meets modern shower technology with Axor Montreux. The Trio 2-way diverter with shut-off allows you to minimize the number of controls on the wall: One handle selects between two shower functions or a combination, and shuts off the water. Axor Montreux trims are available with cross or lever handles, giving you additional options to build your shower system.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ Axor Montreux Thermostatic Trim with Cross Handle
#16816xx1
Thermostatic temperature control

❸ Rough, Trio 2-Way Diverter with Shut-Off, ¾"
#15981181
Selects between showerhead and handshower or a combination of both, plus shuts off water

❹ Axor Montreux Trio/Quattro Trim with Cross Handle
#16833xx1

Thermostatic plus Trio Diverter with Shut-Off and Fix Fit Wall Outlet.
Unlock the ultimate in shower pleasure. With Axor thermostatic trims delivering an ample 16 GPM, the most sophisticated shower systems are made possible. This impressive configuration incorporates 6 bodysprays, a showerhead and a handshower – plus the capability to operate all functions simultaneously. Luxury reinvented for the shower.

❶ iBox Universal Plus Rough with Service Stops, ¾"
#01850181

❷ Axor Citterio Thermostatic Trim with Lever Handle
#39711xx1
Thermostatic temperature control

❸ Rough, Trio 2-Way Diverter with Shut-Off, ¾"
#15981181
Selects between showerhead, bodysprays or a combination of both, plus shuts off water

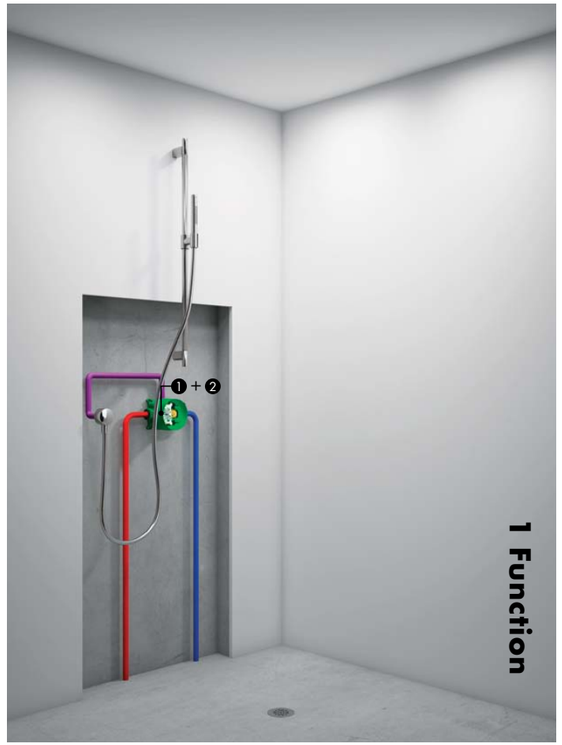
❹ Axor Citterio Trio/Quattro Trim with Lever Handle
#39931xx1

❺ Axor Citterio Fix Fit Wall Outlet with Lever Handle
#39882xx1
Controls volume for handshower and shuts off water

Pressure Balance. Complement the beautiful, minimalist forms of Axor Starck by taking a similar approach to design your shower configuration. By adding a pressure balance trim with a single handle to control temperature and volume to a wallbar featuring the Axor Starck handshower, Philippe Starck's vision remains intact.

❶ iBox Universal Plus Rough
with Service Stops, ¾"
#01850181

❷ Axor Starck
Pressure Balance Trim
#10407xx1
Temperature control
and volume control



Axor Trims

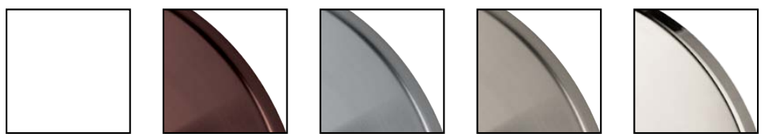
	Axor Starck	Axor Starck X	Axor Citterio	Axor Citterio M	Axor Massaud	Axor Steel	Axor Uno²/Uno	Axor Montreux	Axor Terrano	Axor Carlton	Axor Phoenix	Max. Flow
Thermostatic Trim	10715xx1	10717xx1	39711xx1*	34714xx1	18741001	35715801	38715xx1	16824xx1*	37711xx1*	17712xx1*	17383xx1*	16 GPM
Pressure Balance Trim	10407xx1	10404xx1	39414xx1	34808xx1	18978001	35418801	38418xx1	16508xx1	37404xx1	17428xx1	17414xx1	6.5 GPM
Needs iBox Universal Plus #01850181	iBox	iBox	iBox	iBox	iBox	iBox	iBox	iBox	iBox	iBox	iBox	
Volume Control Trim	10970xx1	10970xx1	39961xx1*	34964xx1	18974001	35970801	38974xx1	16872xx1*	37960xx1*	17960xx1*	17953xx1*	
Rough, Volume Control, ½"	15974181	15974181	15974181	15974181	15974181	15974181	15974181	15974181	15974181	15974181	15974181	10.5 GPM
Rough, Volume Control, ¾"	15977181	15977181	15977181	15977181	15977181	15977181	15977181	15977181	15977181	15977181	15977181	35 GPM
Trio/Quattro Trim	10930xx1	10930xx1	39931xx1*	34934xx1	18934001	35930801	38934xx1	16832xx1*	37920xx1*	17920xx1*	17943xx1*	
Rough, Quattro 3-Way Diverter, ¾"	15930181	15930181	15930181	15930181	15930181	15930181	15930181	15930181	15930181	15930181	15930181	17 GPM
Rough, Trio 2-Way Diverter, ¾"	15984181	15984181	15984181	15984181	15984181	15984181	15984181	15984181	15984181	15984181	15984181	17 GPM
Rough, Trio 2-Way Diverter with Shut-Off, ¾"	15981181	15981181	15981181	15981181	15981181	15981181	15981181	15981181	15981181	15981181	15981181	17 GPM
Available Finishes:	-001, -821	-001	-001, -821	-001, -821	-001	-801	-001, -821	-001, -821, -831	-001, -821	-001, -621, -821	-001, -621, -821	

*Trim with lever handle is listed above; a cross handle version is also available for trims marked with an asterisk.

Axor Installation Tips

- Axor thermostatic trims require a type of volume control (Volume Control, Trio 2-Way Diverter with Shut-Off, or Fix Fit Wall Outlet)
- Axor Trio (without shut-off) and Quattro trims require a type of volume control
- Separate volume controls (Volume Control, Trio 2-Way Diverter with Shut-Off, or Fix Fit Wall Outlet) cannot be used with pressure balance trims
- Tub spout with diverter can only be used with pressure balance trims

Available Finishes



Chrome
–001

Oil Rub Bronze
-621

Steel
-801

Brushed Nickel
-821

Polished Nickel
-831

Compatibility. iBox Universal Plus is compatible with all commonly-used wall constructions and pipework systems. iBox can be used with either ¾" or ½" pipework with included reductions. Typical installation examples are shown below.

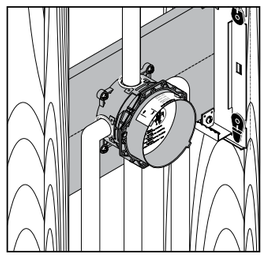
Pipework

PEX

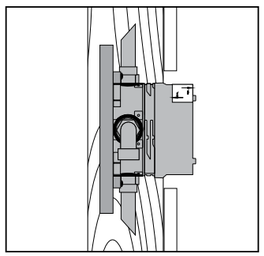
Copper

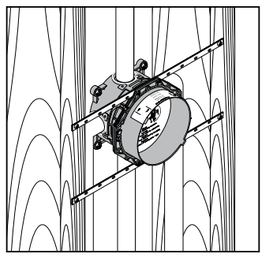
CPVC

Wall Construction

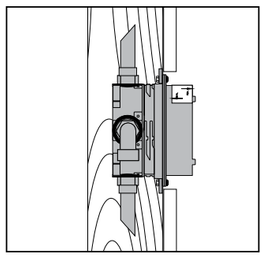


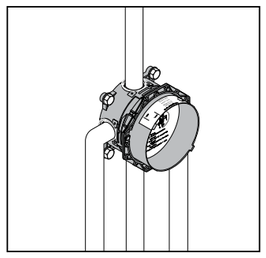
Mounting between two wall studs



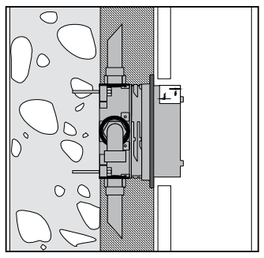


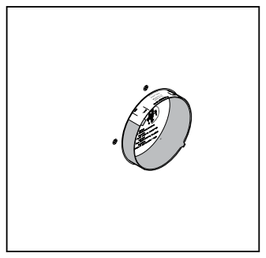
Installation with #96615000 installation set



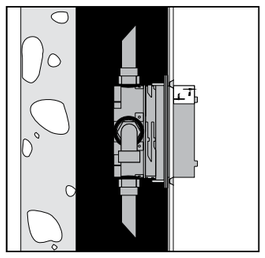


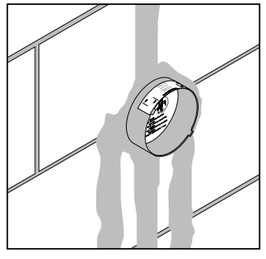
Installation on the wall



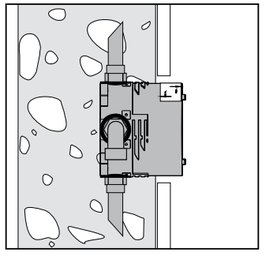


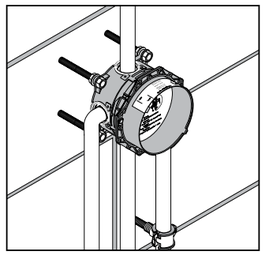
Installation on a prefabricated wall

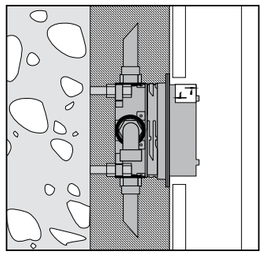




Installation inside of the wall







Installation in front of the wall (shown with variable spacers)

The special sets below allow easy installation, even in difficult situations. Whether the wall is too shallow, too deep, or has limited mounting options, Hansgrohe has a solution to fit your need.

Shallow Extension Set, Thermostatic/ Pressure Balance Trim, 7⁄8"
#13596xx0
- Permits installation when iBox is installed too shallow in the wall
- Fits all Hansgrohe S, E, and C trims
- Fits Axor Starck, Axor Steel, Axor Uno, Axor Montreux, Axor Terrano, Axor Carlton and Axor Phoenix trims

-000, -620, -800, -820, -830, -920, -930

Shallow Extension Set, PuraVida Thermostatic/ Pressure Balance Trim, 7⁄8"
#15597000
- Permits installation when iBox is installed too shallow in the wall
- Fits Hansgrohe PuraVida trims

Shallow Extension Set, Thermostatic/ Pressure Balance Trim, 7⁄8"
#97407xx0
- Permits installation when iBox is installed too shallow in the wall
- Fits Axor Starck X, Axor Citterio, and Axor Massaud trims

-000, -820

Shallow Extension Set, Thermostatic/ Pressure Balance Trim, 7⁄8"
#98860xx0
- Permits installation when iBox is installed too shallow in the wall
- Fits Axor Citterio M trims

-000, -820

Extension Set, 1"
#13595000
- Permits installation when iBox is installed too deep in the wall

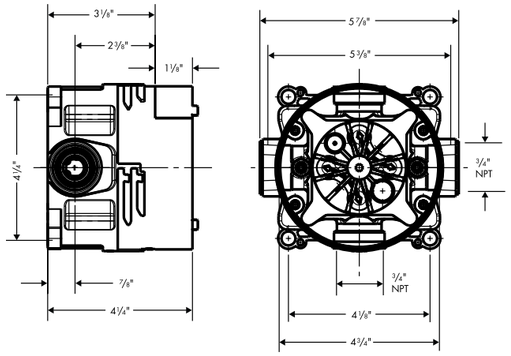
Extension Set, Volume Control and Trio/Quattro, 1"
#96370000
- Permits installation when Volume Control or Trio/ Quattro diverter rough is installed too deep in the wall

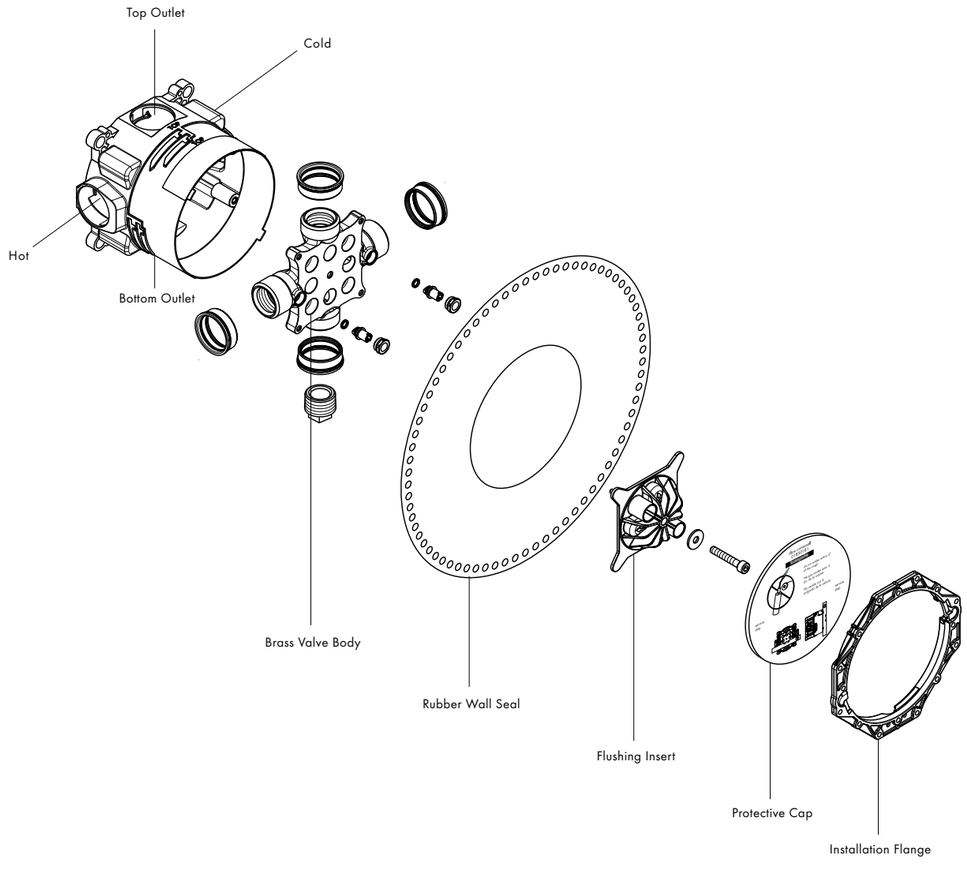
Installation Set
#96615000
- Permits secure, easy installation of iBox between studs in wall

Technical Information

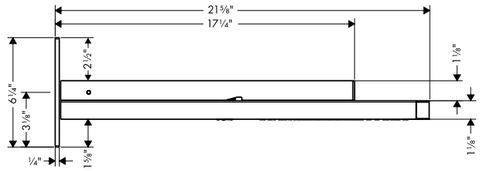
iBox™ Universal Plus Rough with Service Stops, ¾"
#01850181

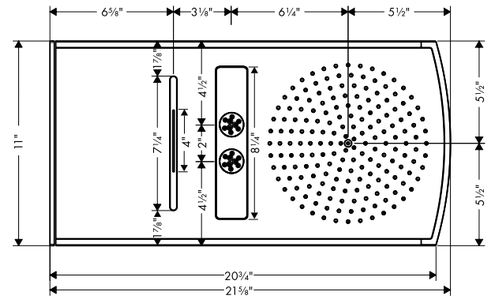
Recommended water pressure:	15 - 75 PSI
Max. water pressure:	145 PSI
Recommended hot water temperature:	120° - 140° F
Please know and follow all applicable local plumbing codes when setting the temperature on the water heater	
Max. flow rate @ 44 PSI	
Axor Thermostatic Trim	16 GPM
Hansgrohe Thermostatic Trim with Volume Control	8 GPM
Hansgrohe Thermostatic Trim with Volume Control and Diverter	8 GPM
Pressure Balance Valve (Axor and Hansgrohe)	6.5 GPM
Connections:	¾" NPT female cold right / hot left



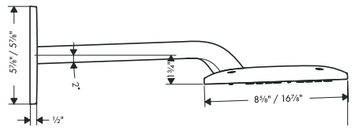


Raindance Rainfall AIR Showerhead Trim
#28411xx1
Side view and view from below

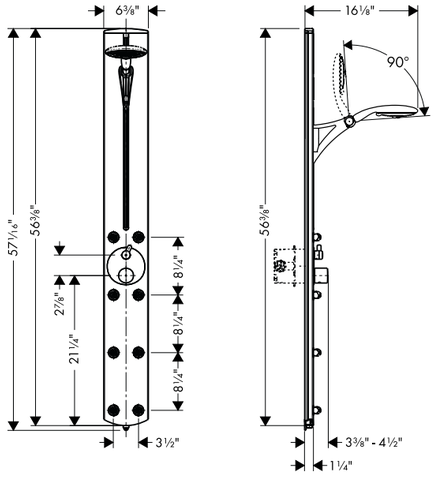




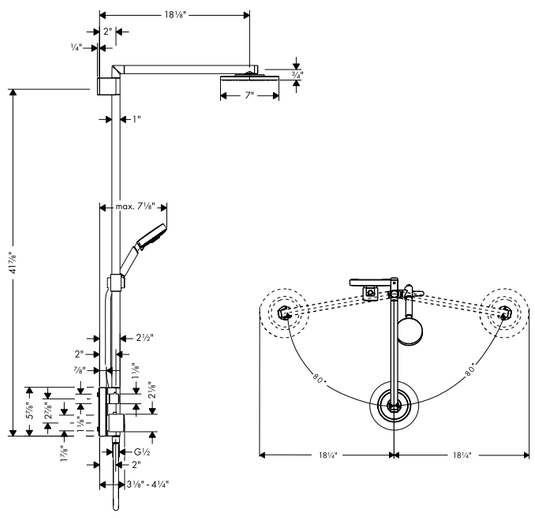
Raindance E 420 AIR 2-Jet Showerhead Trim
#27373xx1
Side view



Raindance E Showerpanel Trim
#27100xx1
Front and side view



Raindance S Showerpipe Trim
#27192xx1
Side and top view



hansgrohe

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